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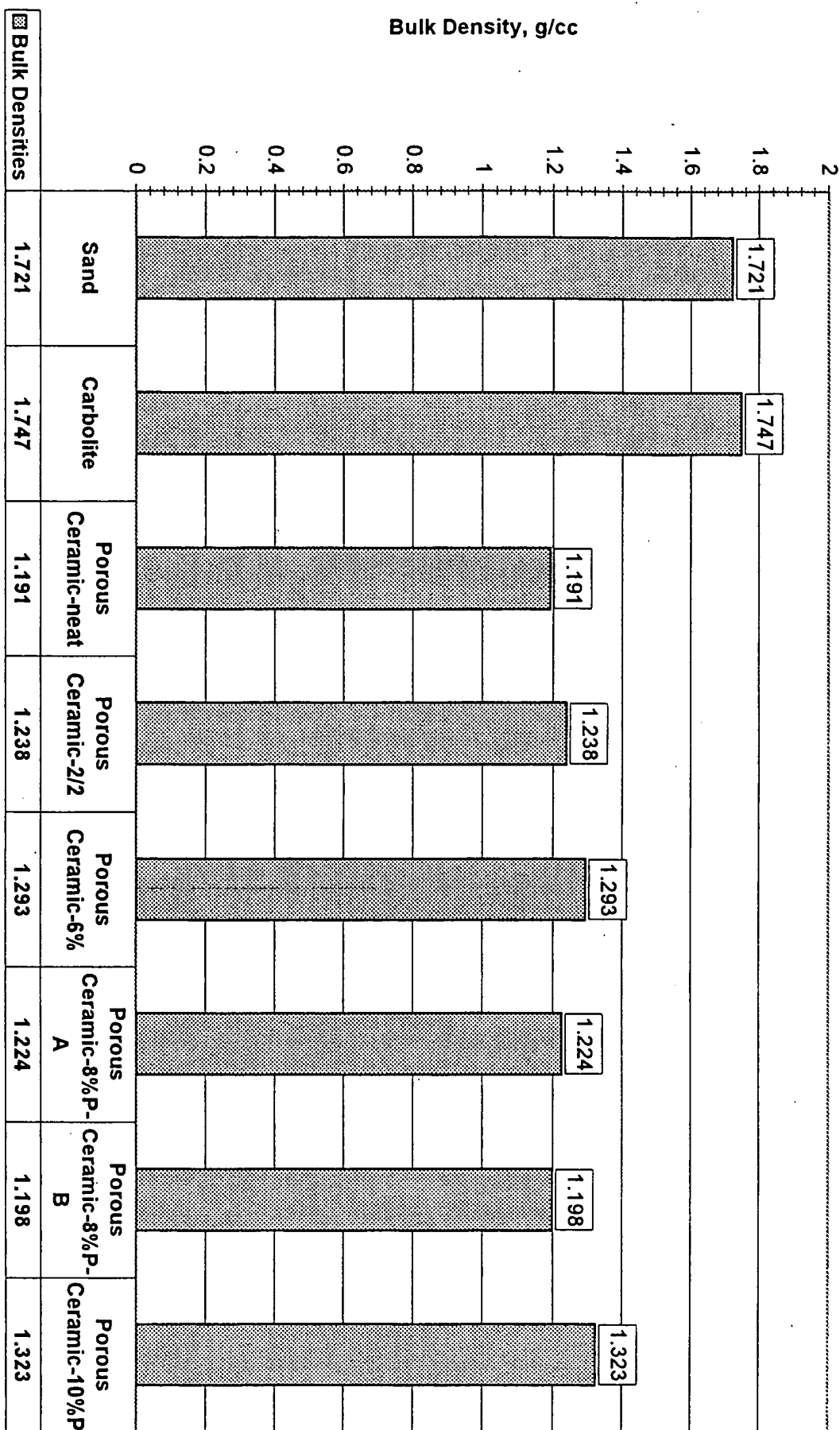


FIG. 1

Permeability versus Stress Light Ceramic Sample 20/40 Mesh@ 1 lb/ft2

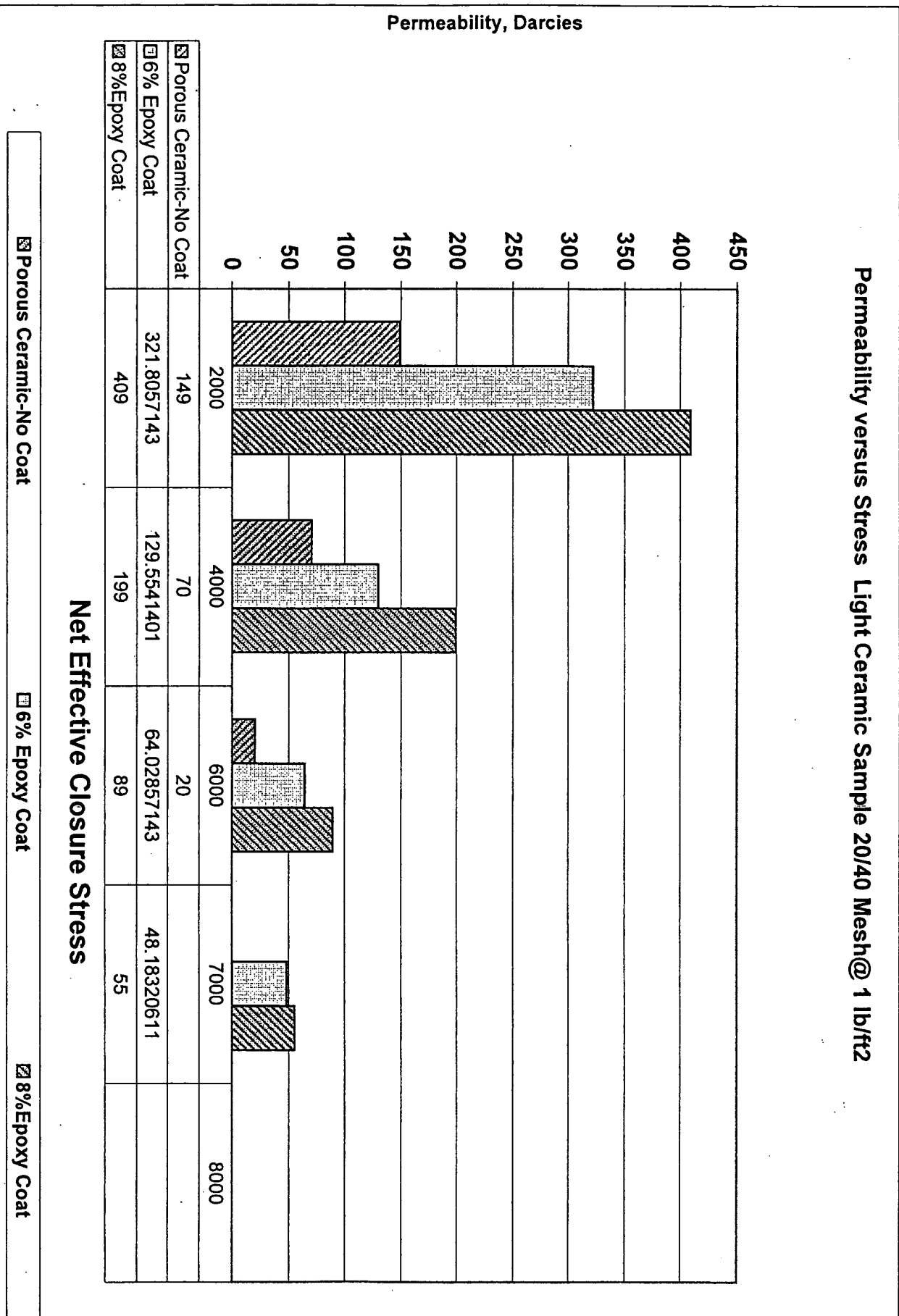


FIG. 2

Conductivity versus Stress Light Ceramic Sample 20/40 Mesh@ 1 lb/ft²

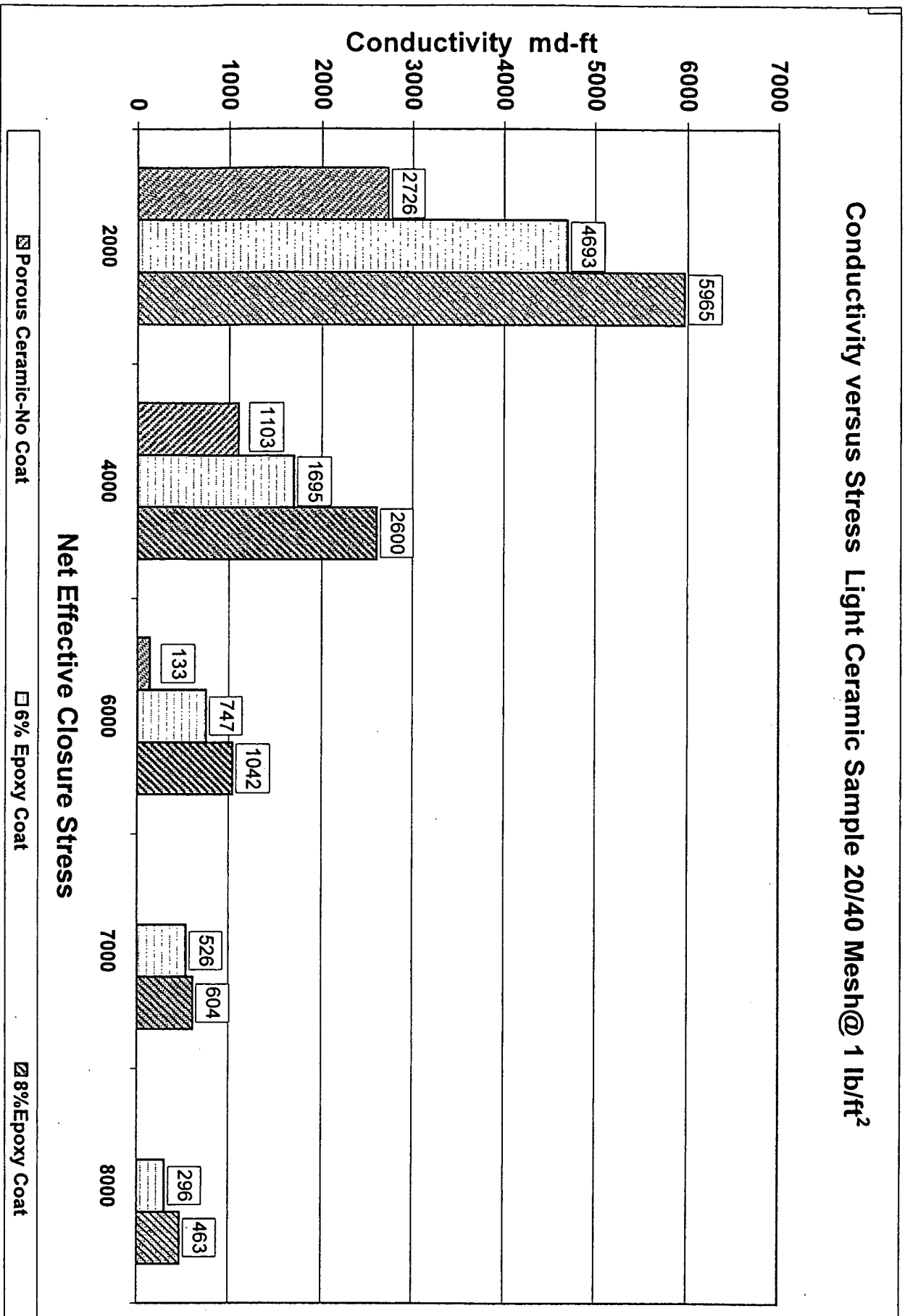


FIG. 3

Conductivity versus Stress Light Ceramic Sample 20/40 Mesh@ 2 lb/ft²

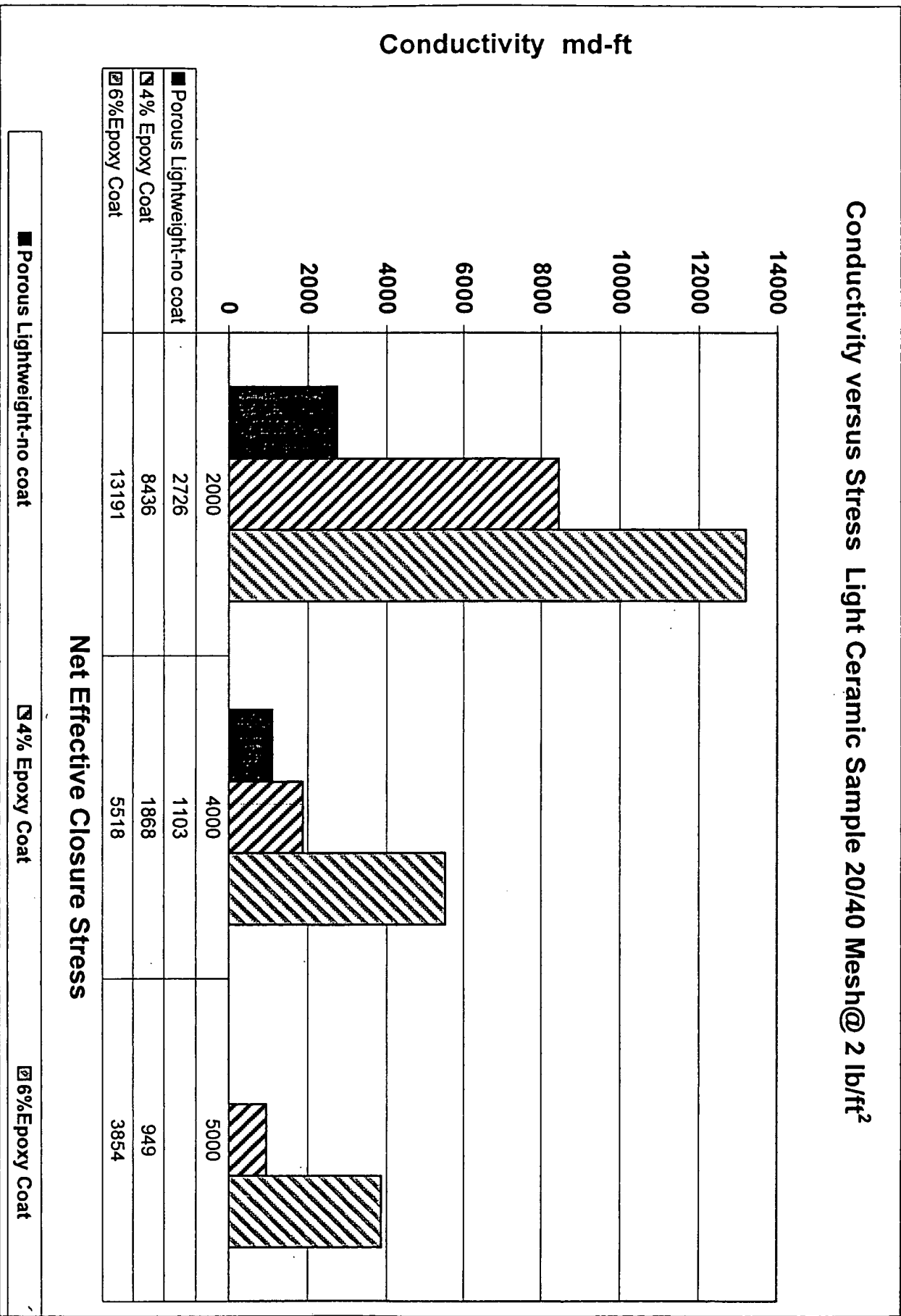


FIG. 4

Permeability versus Stress Light Ceramic Sample 20/40 Mesh@ 1 lb/ft²

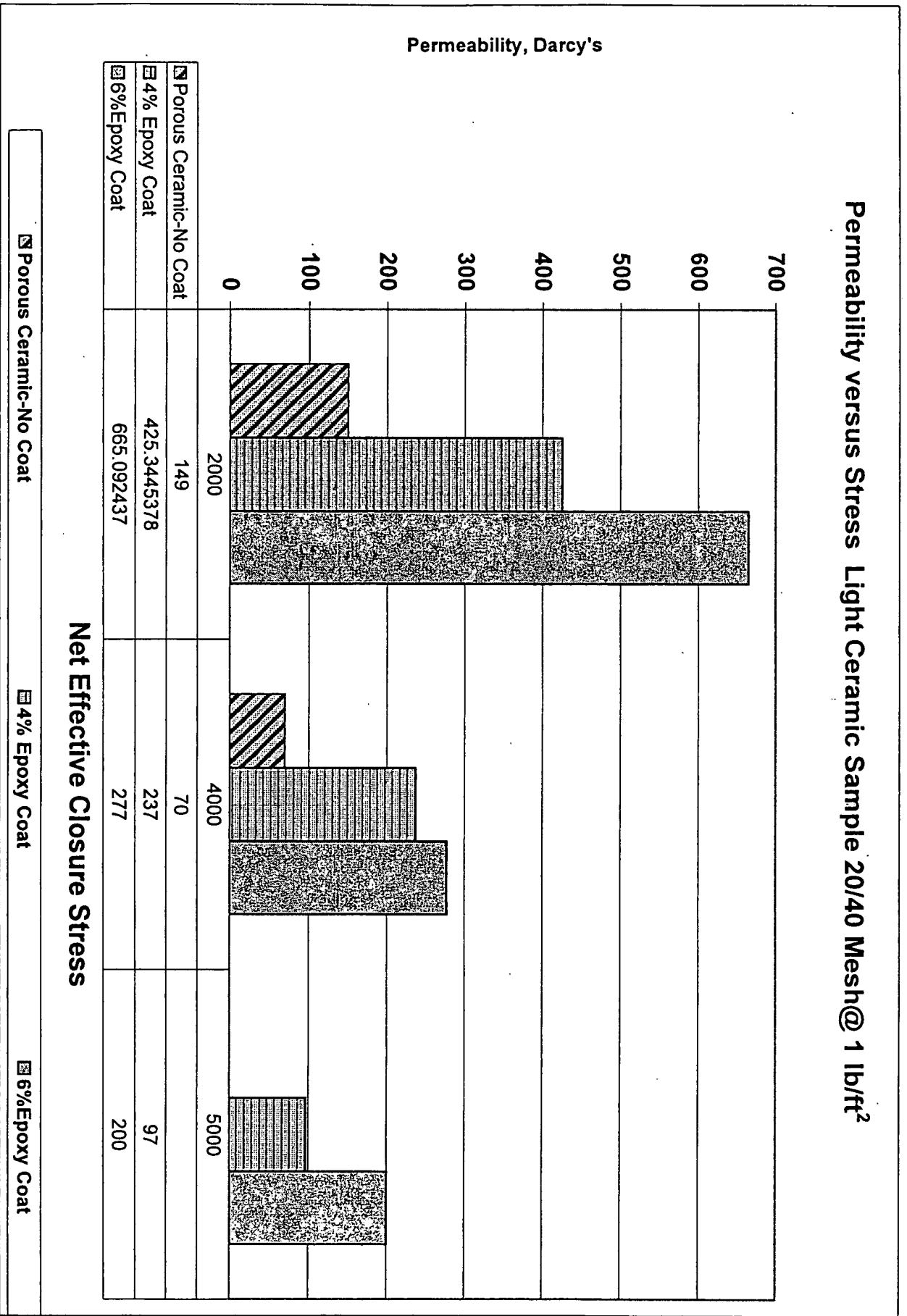


FIG. 5

Porous Lightweight Ceramic Conductivity vs. Resin/Epoxy @ 1lb/ft²

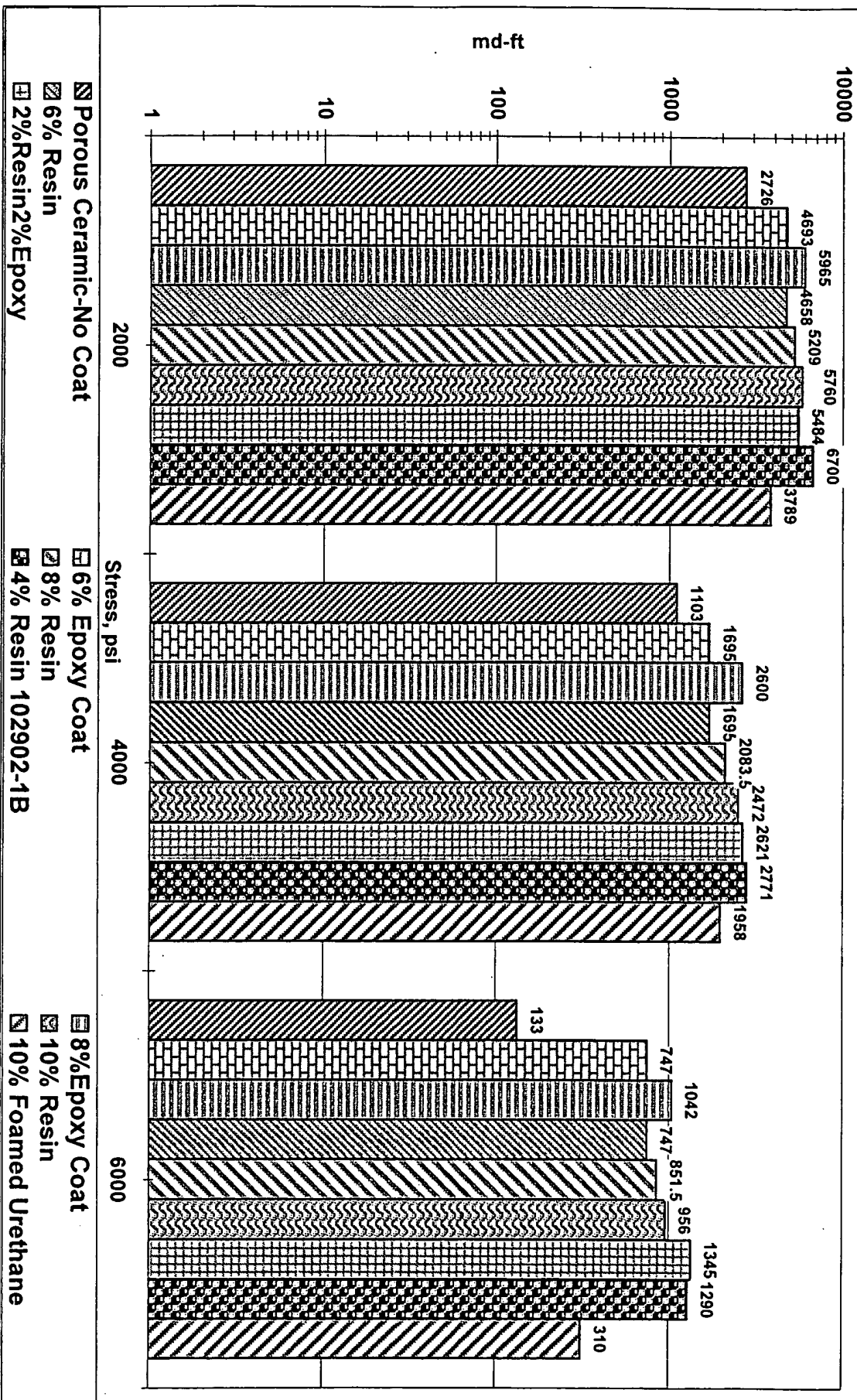


FIG. 6

Porous Ceramic Permeability vs Resin/Epoxy @ 1lb/ft²

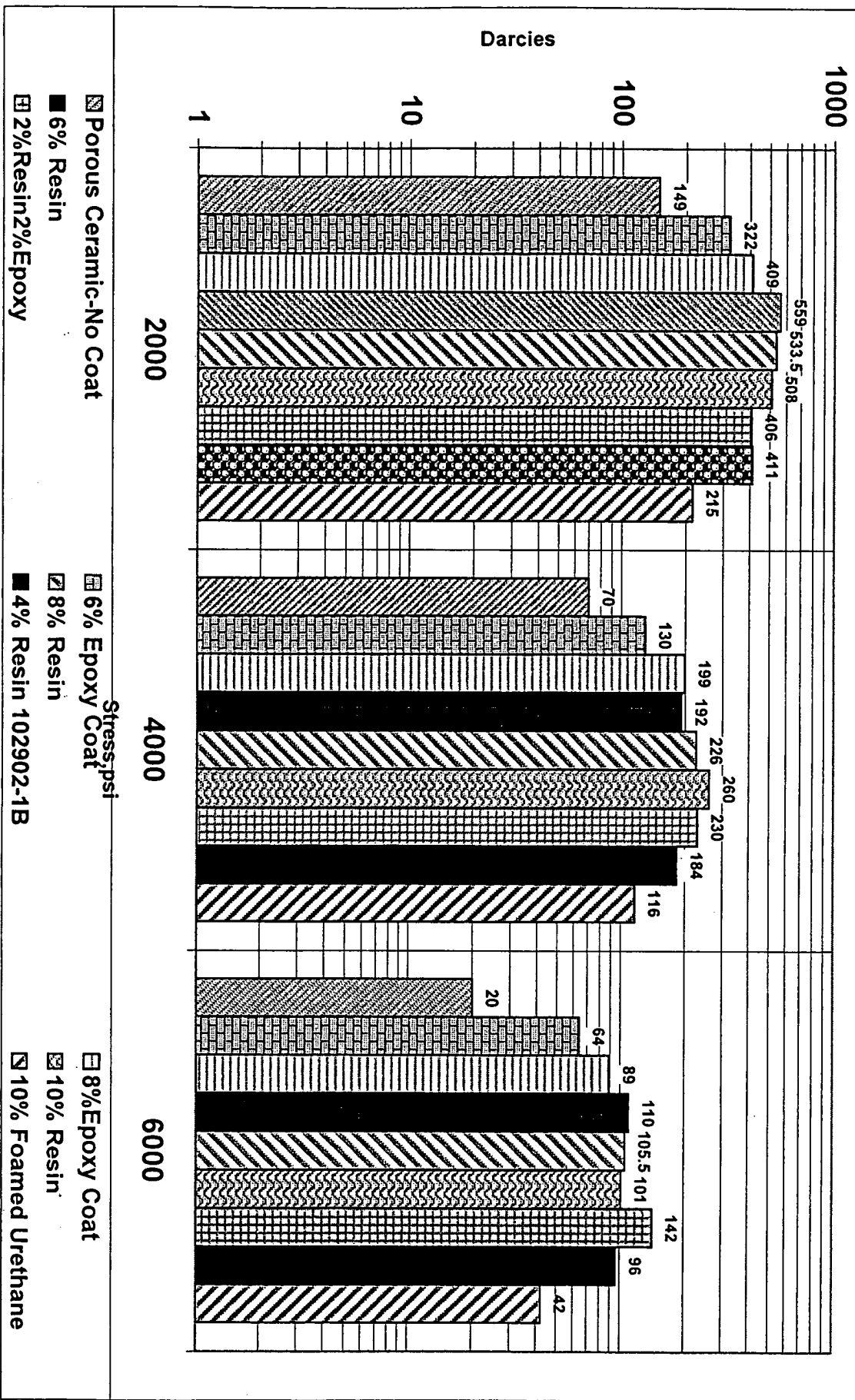
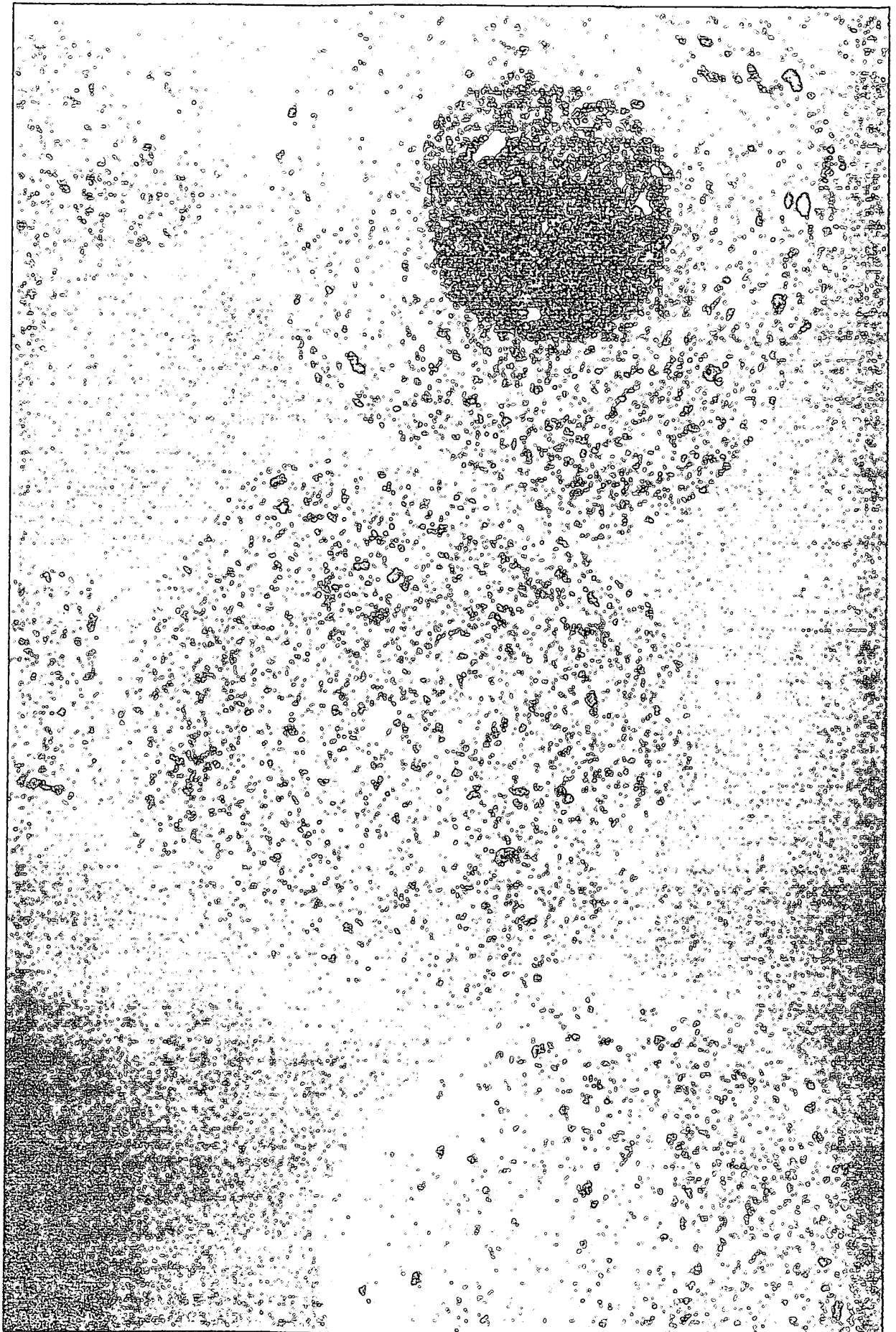


FIG. 7

FIG. 8



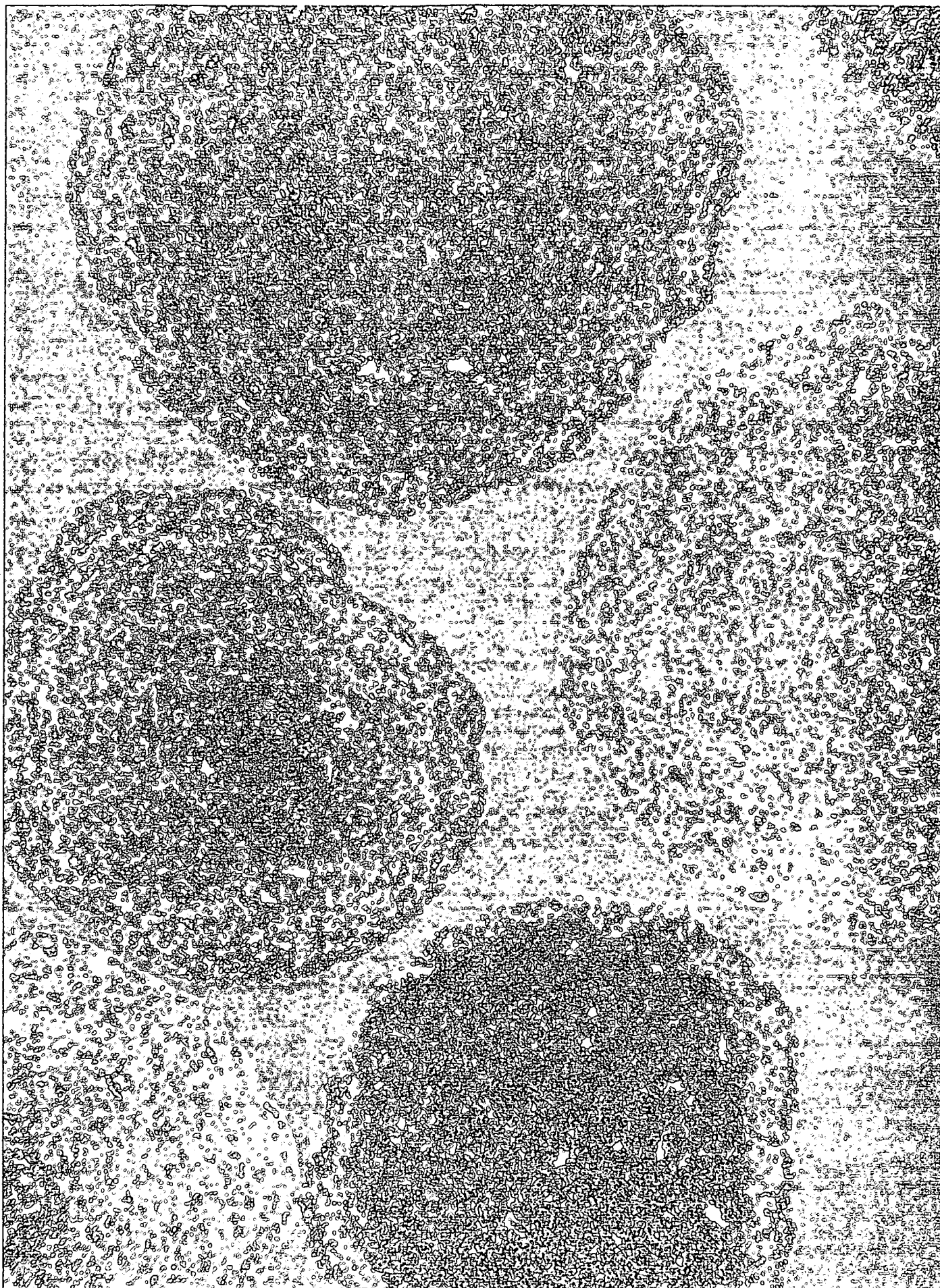


FIG. 9

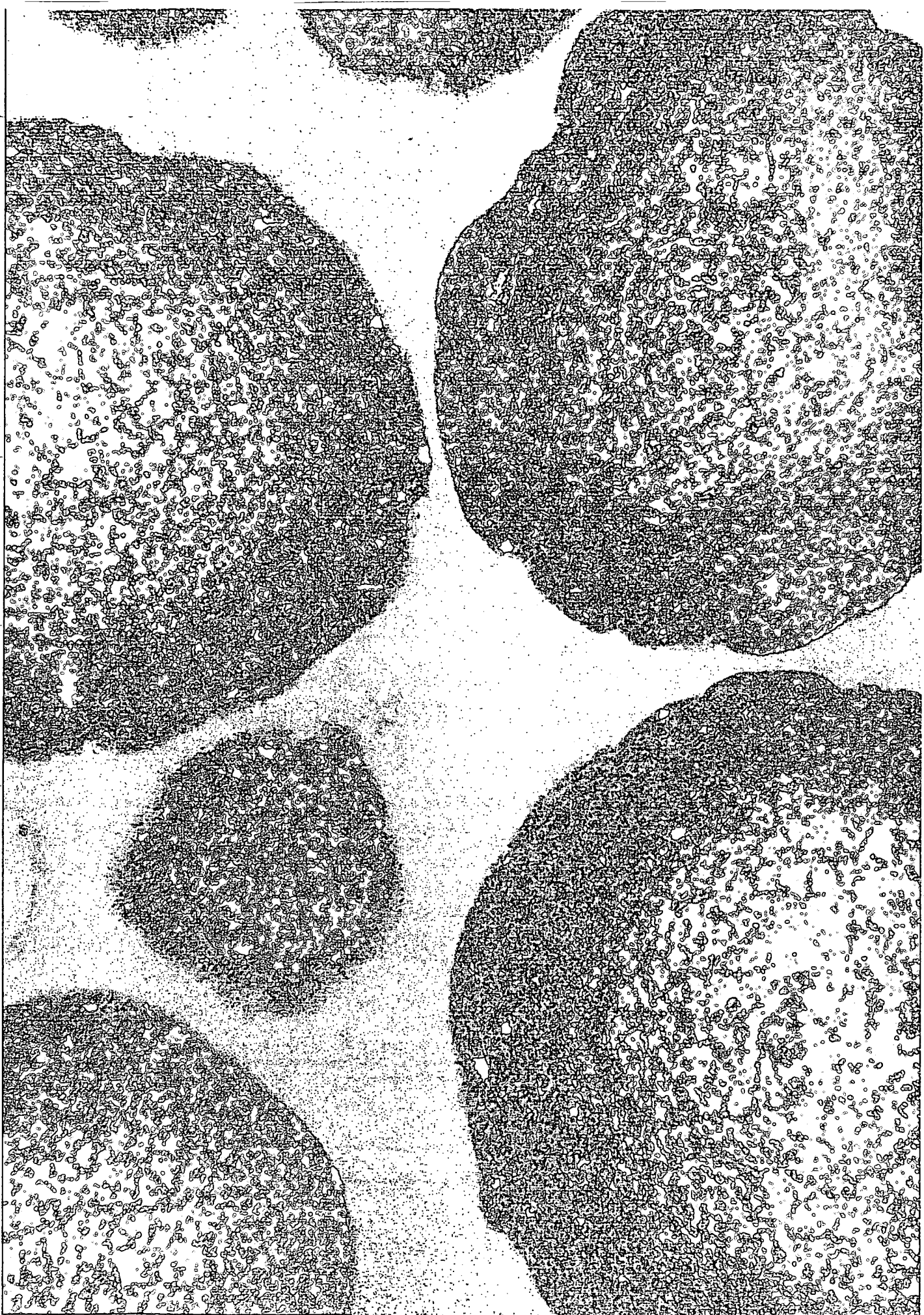


FIG. 10

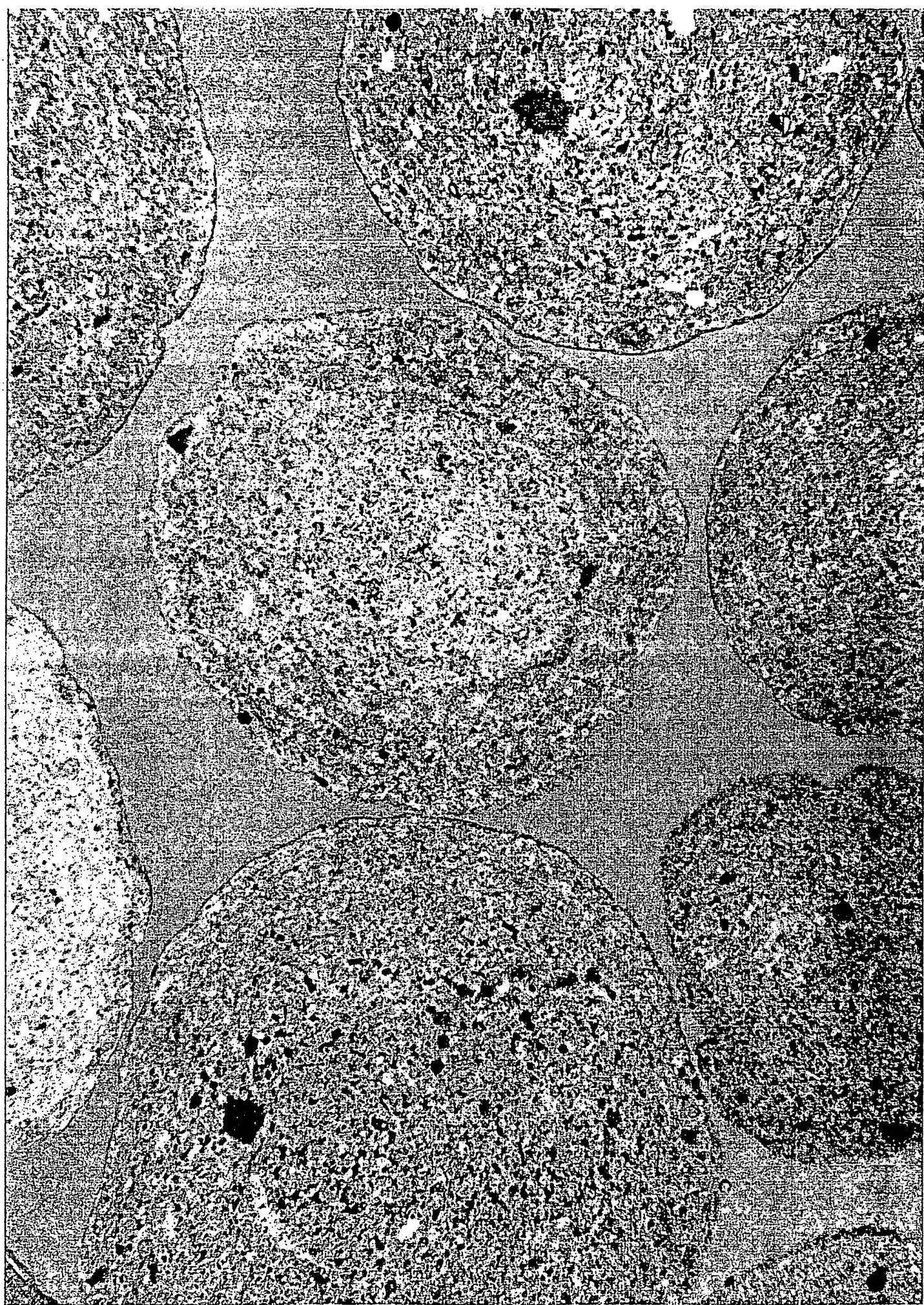


FIG. 11

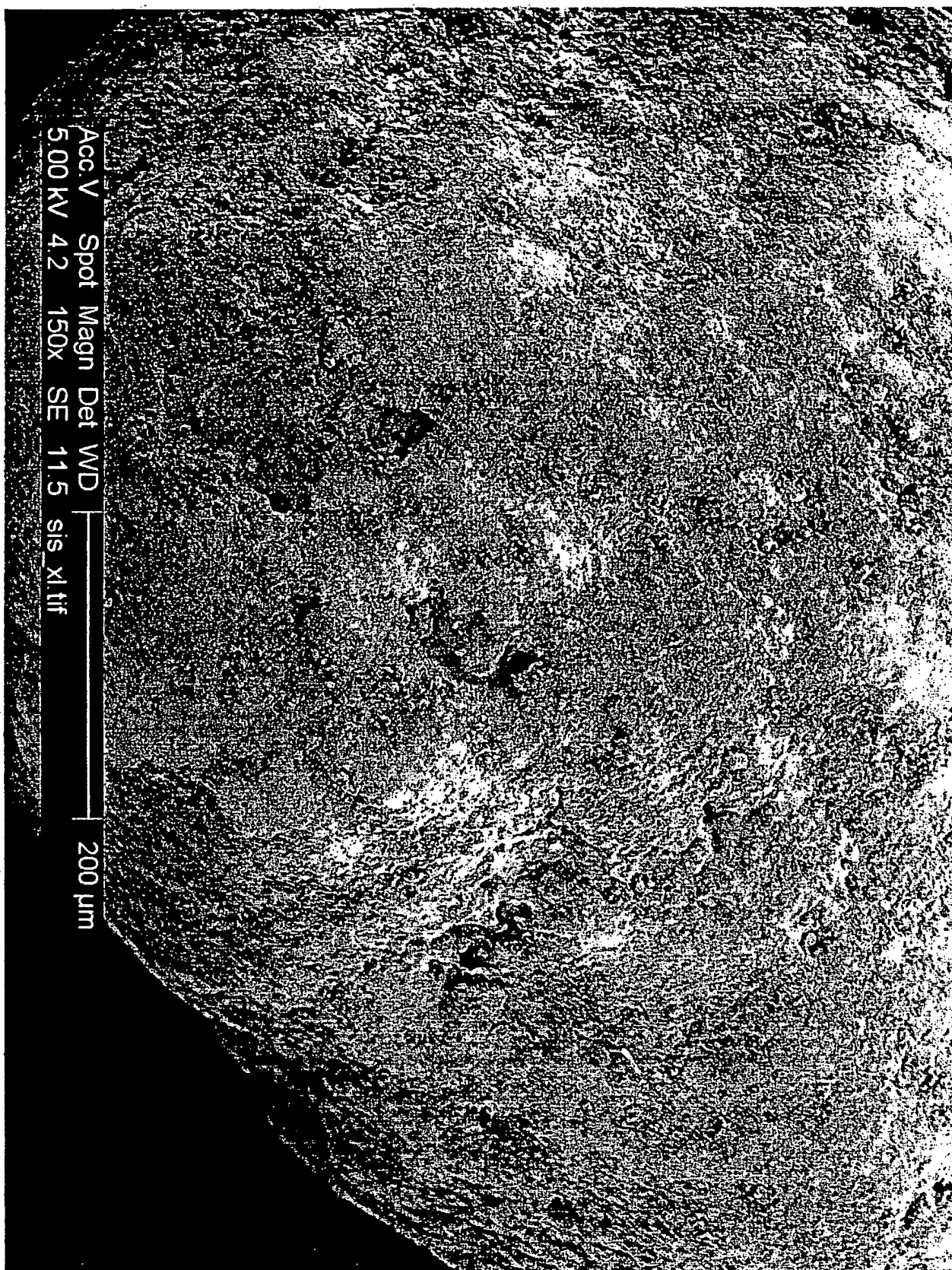


FIG. 12

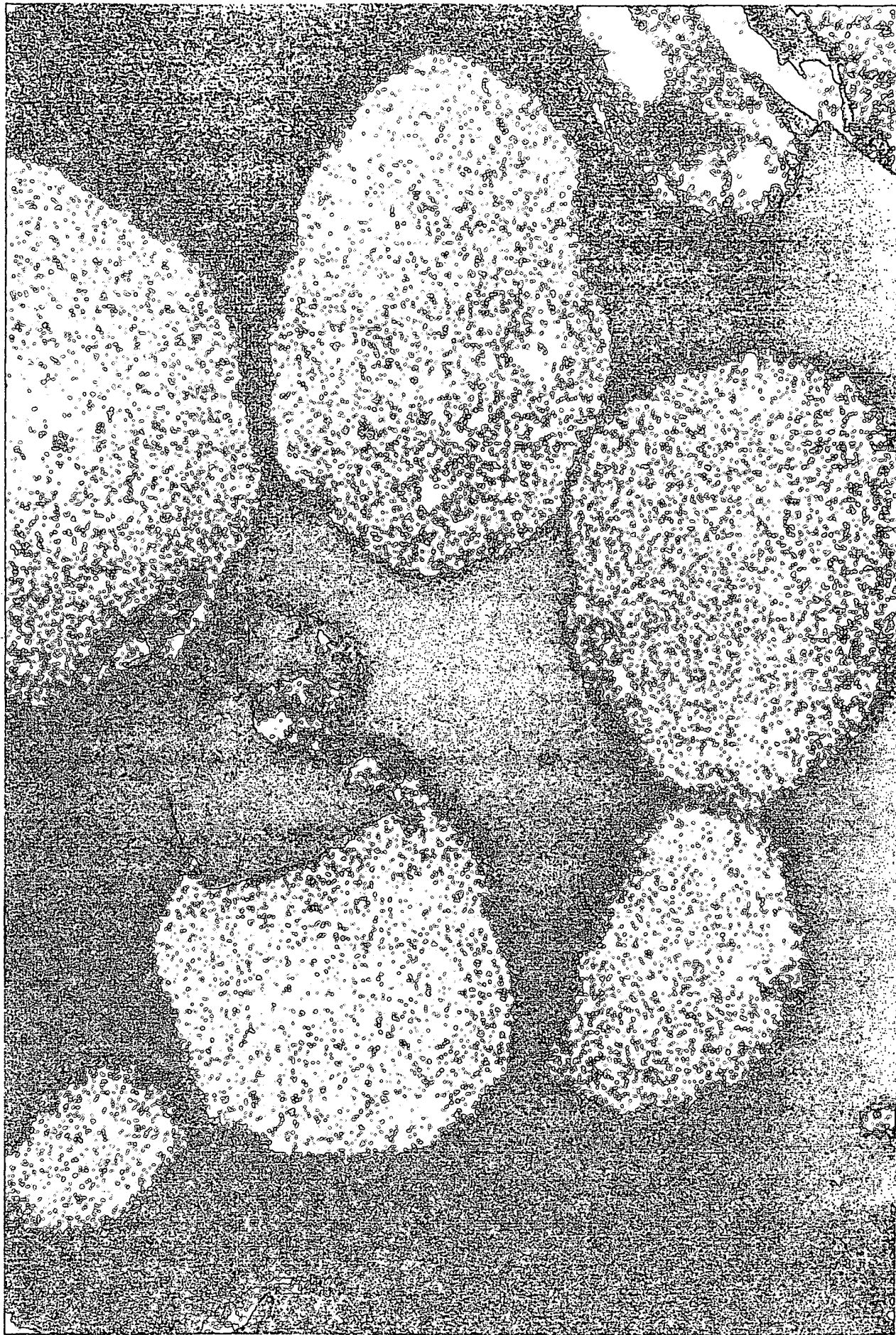


FIG. 13

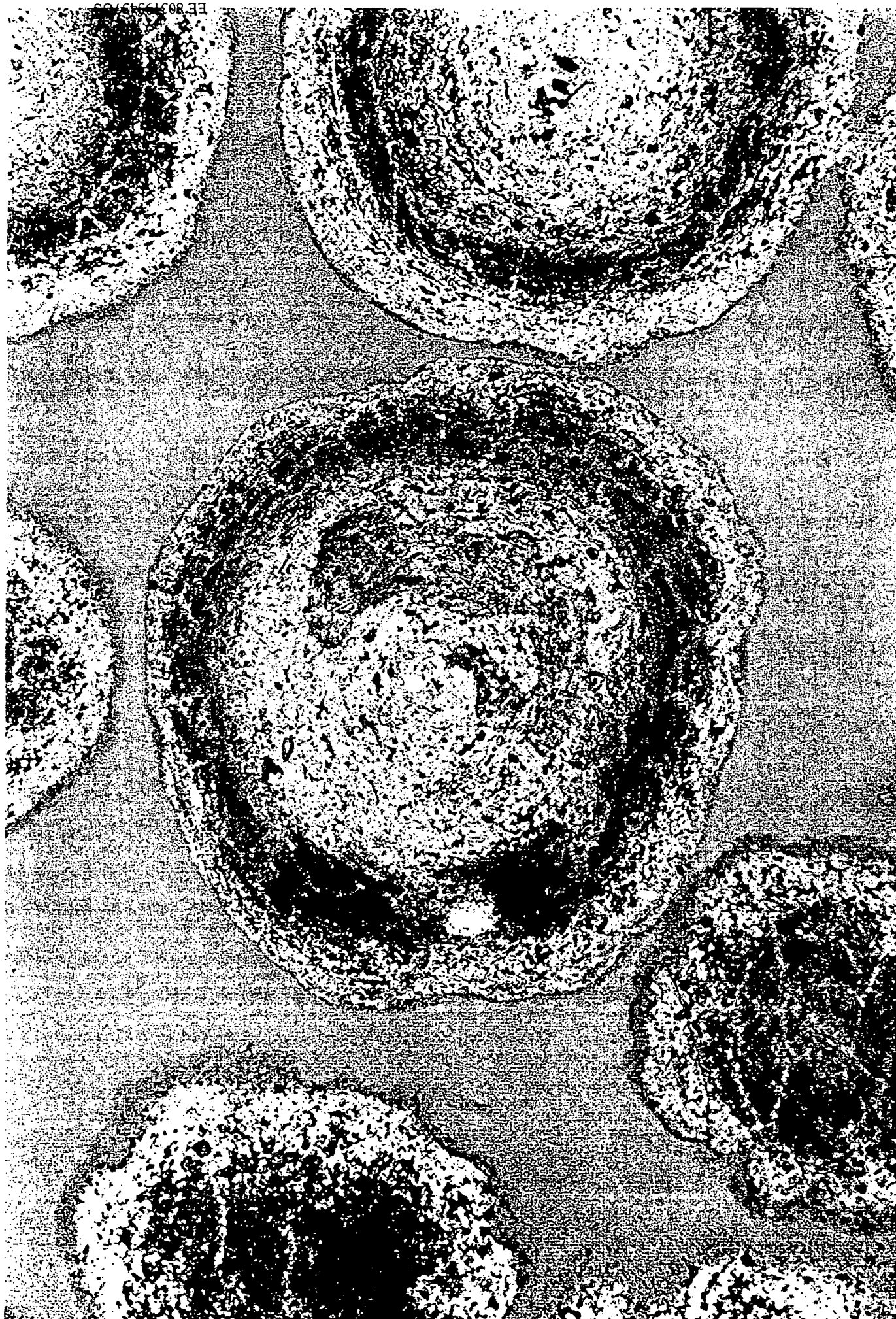


FIG. 14

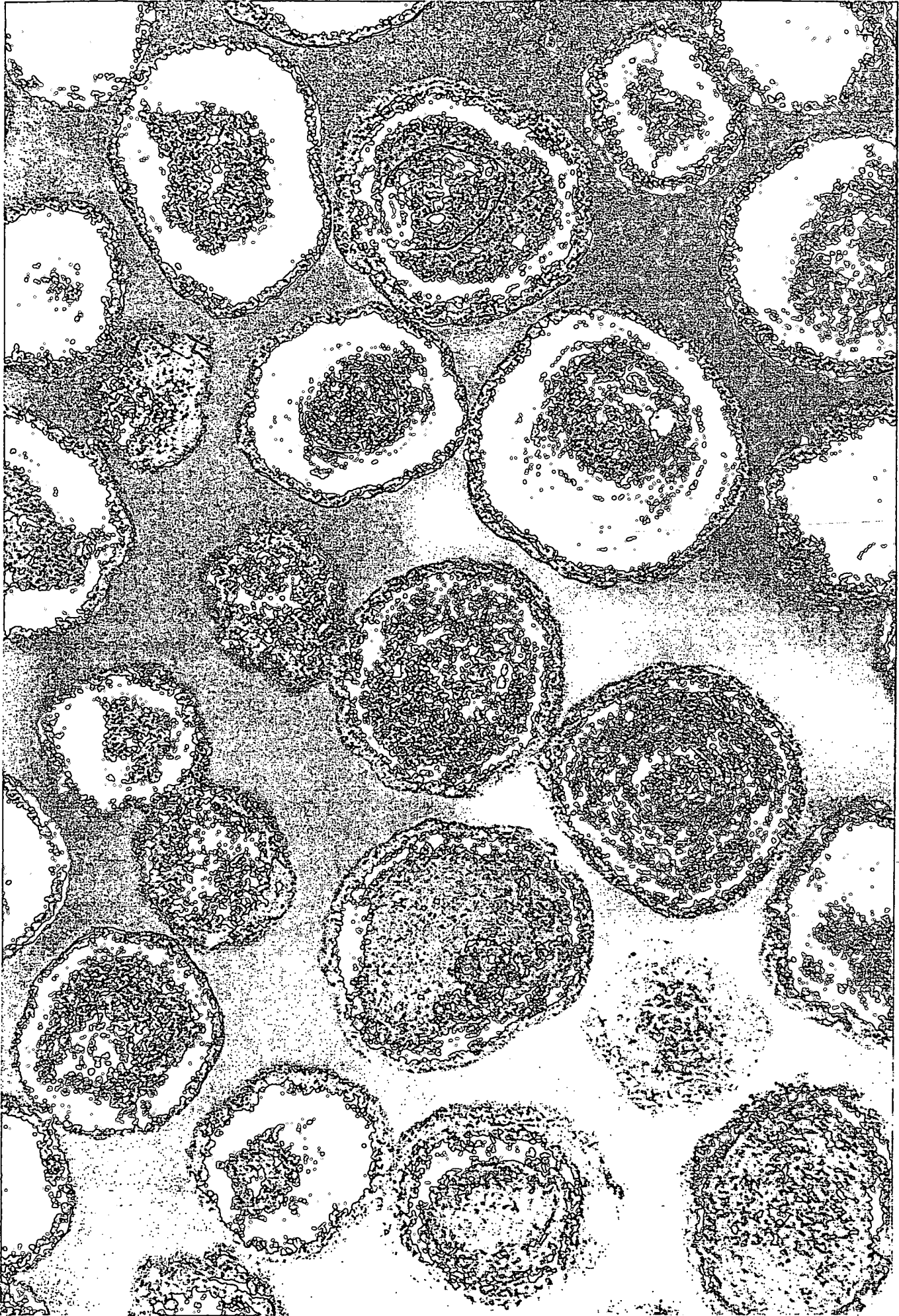


FIG. 15

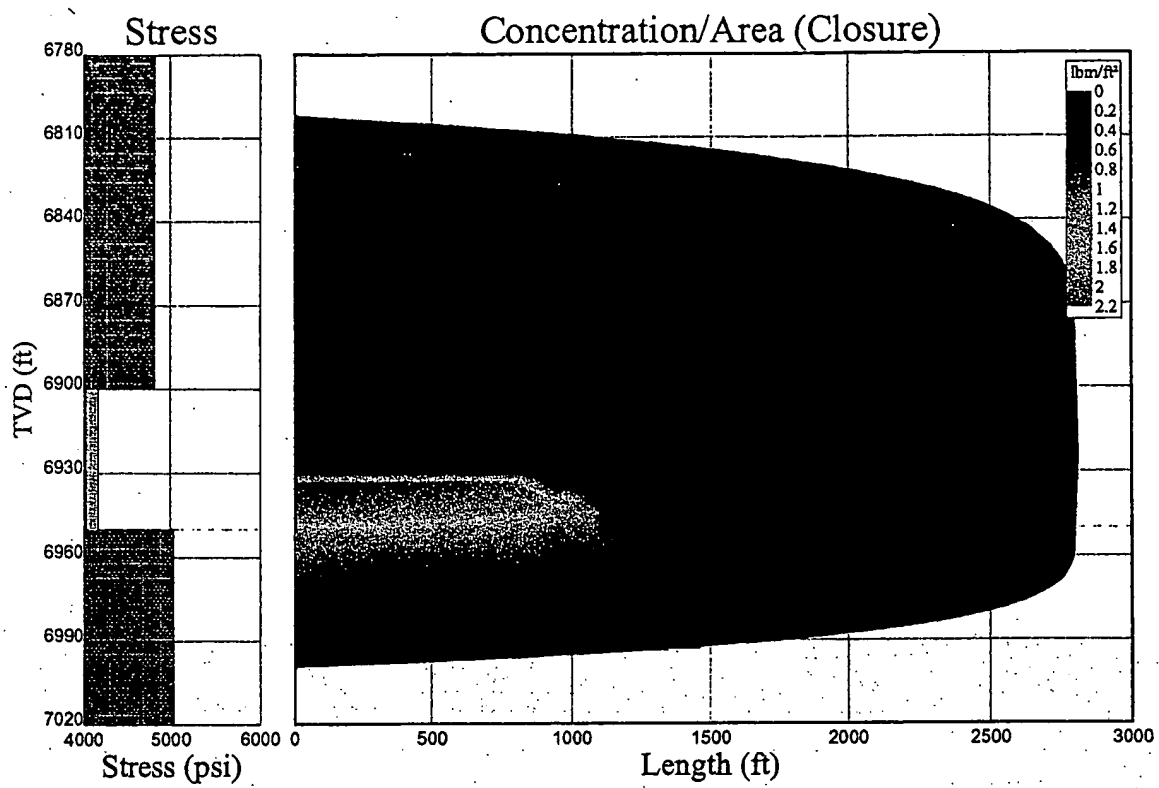


FIG. 16

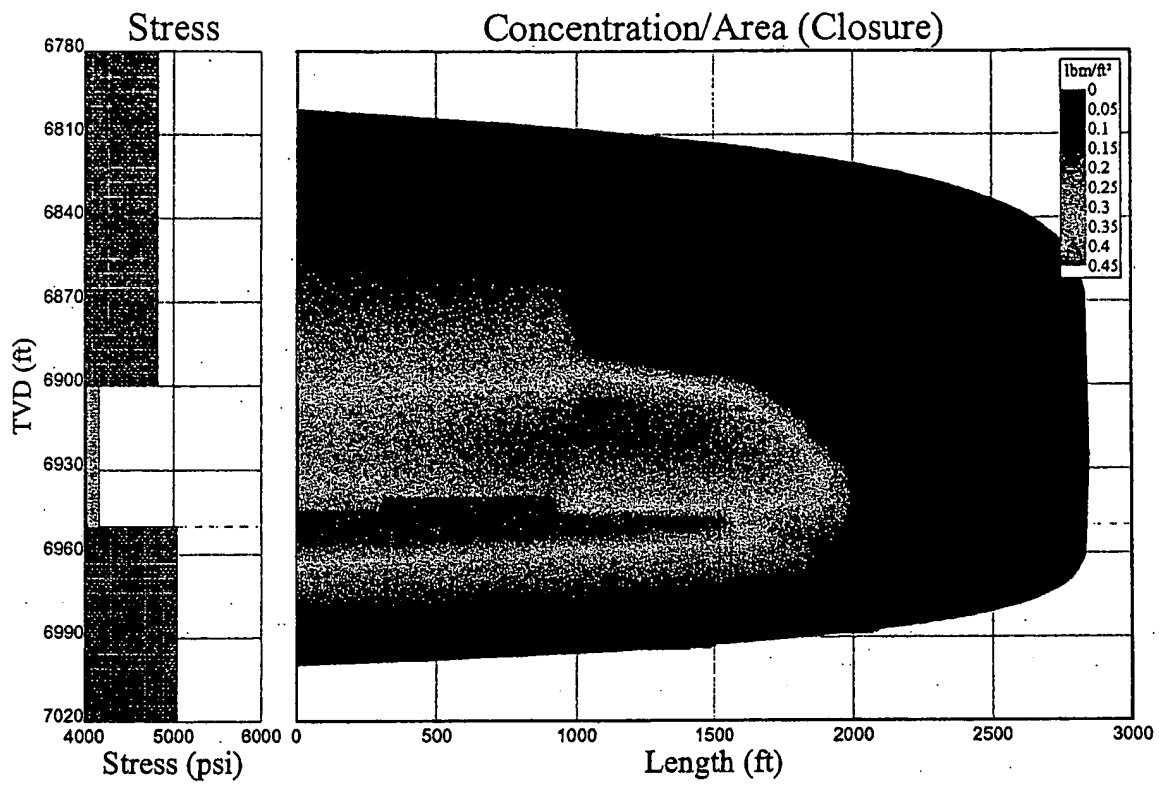


FIG. 17